

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Karl Bozicevic on 10/16/07. The application has been amended as follows:

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Please cancel claims ~~11~~ and 12.

MR

12-7-7

REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance:

The independent claims recite in part:

taking a full field scatter mask which defines the contribution of scattered radiation to the intensity of the image at a given detector position in terms of the intensity at a plurality of surrounding detector positions;

preparing an adapted scatter mask representing the sum of a plurality of elemental scatter masks each of said plurality of elemental scatter masks corresponding to a different exposure position of said beam and detector relative to said subject, and each of said plurality of elemental scatter masks having values of the full field scatter mask set to zero outside the area of illumination to allow for an effect on scatter due to collimation of the illuminating radiation